

# DEPARTMENT OF PUBLIC HEALTH AND HUMAN SERVICES

## Communicable Disease Control

## Cholera

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### What is cholera?

Cholera is a bacterial disease that affects the intestinal tract. It is caused by a germ called *Vibrio cholera*. Currently, fewer than 100 are recognized in the United States each year, most of which are acquired in other countries.

### Who gets cholera?

While cholera is a rare disease, those who may be at risk include people traveling to foreign countries where outbreaks are occurring and people who consume raw or undercooked seafood from warm coastal waters subject to sewage contamination. In both instances, the risk is quite small.

### How is the germ spread?

The cholera germ is passed in the stools. It is spread by eating or drinking food or water contaminated by the fecal waste of an infected person. This occurs more often in underdeveloped countries lacking adequate water supplies and proper sewage disposal.

### What are the symptoms of cholera?

People exposed to cholera may experience mild to severe diarrhea, vomiting and dehydration. Fever is usually absent.

### How soon do symptoms appear?

The symptoms may appear from a few hours to five (5) days, usually two to three (2-3) days.

### What is the treatment for cholera?

Because of the rapid dehydration that may result from severe diarrhea, replacement of fluids by mouth or by the intravenous route is critical. Antibiotics, such as tetracycline, are also used to shorten the duration of diarrhea and shedding of the germs in the feces.

### Is there a vaccine for cholera?

A vaccine is available for travelers to certain foreign countries where cholera is occurring. However, the vaccine offers only partial protection (50%) for a short duration (three to six months).

### How can cholera be prevented?

The single most important preventive measure is to avoid consuming foods or water in foreign countries where cholera occurs unless they are known to be safe or have been properly treated.